

ABSTRACT OF THE DISCLOSURE

A novel process for the continuous preparation of perfluorinated organic compounds by electrochemical fluorination of the parent non-fluorinated or partially fluorinated organic compounds, in which the quantity of charge which the electrolyte can still take up is kept in the range from about 5 Ah per kg of electrolyte to about 600 Ah per kg of electrolyte during the electrochemical fluorination, can be operated continuously over a prolonged period of time without the electrode area-time yield decreasing over time and without the formation of polymeric by-products occurring.

1. The first part of the paper discusses the importance of the research and the objectives of the study. It highlights the need for a comprehensive understanding of the research topic and the role of the research in advancing knowledge in the field.

2. The second part of the paper presents the methodology used in the study. It details the research design, data collection methods, and the statistical analysis techniques employed to ensure the validity and reliability of the findings.

3. The third part of the paper discusses the results of the study. It presents the data and the statistical analysis results, highlighting the key findings and the significance of the results.

4. The fourth part of the paper discusses the conclusions and the implications of the study. It summarizes the main findings and discusses the implications for future research and practice.

5. The fifth part of the paper discusses the limitations of the study and the need for further research. It acknowledges the limitations of the study and discusses the need for further research to address the limitations and to advance the understanding of the research topic.